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Montana

CIVIL ENGINEER  
AND LAND SURVEYOR  
REGISTRATION ACT  
and  
BOARD BY-LAWS AND RULES



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# Chapter 284

## Thirtieth Legislative Assembly

### 1947 Laws of Montana

AN ACT TO SET THE STANDARDS OF THE PRACTICES OF CIVIL ENGINEERING AND LAND SURVEYING AND TO SAFEGUARD LIFE, HEALTH, PROPERTY AND PROMOTE THE PUBLIC WELFARE; PROVIDING FOR THE REGISTRATION OF QUALIFIED PERSONS AS CIVIL ENGINEERS AND LAND SURVEYORS, AND PROVIDING FOR THE CERTIFICATION OF ENGINEERS-IN-TRAINING; DEFINING THE TERMS "CIVIL ENGINEER," "ENGINEER - IN - TRAINING," "PRACTICE OF CIVIL ENGINEERING," "LAND SURVEYOR" AND "PRACTICE OF LAND SURVEYING"; CREATING A STATE BOARD OF REGISTRATION FOR CIVIL ENGINEERS AND LAND SURVEYORS AND PROVIDING FOR THE APPOINTMENT OF ITS MEMBERS; FIXING THE TERM OF THE BOARD AND DEFINING ITS POWERS AND DUTIES; SETTING FORTH THE MINIMUM QUALIFICATIONS AND OTHER REQUIREMENTS FOR REGISTRATION; MAKING THE ADMINISTRATION OF THIS ACT SELF SUPPORTING BY ESTABLISHING FEES WITH EXPIRATION AND RENEWAL REQUIREMENTS; AND PROVIDING FOR THE ENFORCEMENT OF THIS ACT AND PENALTIES FOR ITS VIOLATION.

BE IT ENACTED BY THE LEGISLATIVE ASSEMBLY OF THE STATE OF MONTANA:

Section 1. General Provisions. In order to safeguard life, health, and property, and to promote the public welfare, any person in either public or private capacity practicing or offering to practice civil engineering or land surveying in this State as a professional or registered engineer or land surveyor shall be required to submit evidence that he is qualified so to practice and shall be registered as hereinafter provided; and from and after the first day of January, 1948, it shall be unlawful for any person to practice or to offer to practice in this State, civil engineering or land surveying, as defined in the provisions of this Act, or to use in connection with his name or otherwise assume use, or advertise any title or description tending to convey the impression that he is a civil engineer or a land surveyor, unless such person has been duly registered under the provisions of this Act.

Section 2. Short Title. This act shall be known and may be cited as the Montana Civil Engineers' Registration Act.

Section 3. Definitions. The following terms, when used in this Act, shall have the following meanings, unless the context clearly requires otherwise:

(1) Civil Engineer: The term "Civil Engineer" within the meaning and intent of this Act shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design, acquired by professional education and practical experience, is qualified to practice civil engineering as hereinafter defined, as attested by his legal registration as a civil engineer.

(2) Engineer-in-Training. The term "Engineer-in-Training" as used in this Act shall mean a candidate for registration as a civil engineer who is a graduate in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing, or who has had four years or more experience in engineering work of a character satisfactory to the Board; and who, in addition, has successfully passed the examination in the fundamental engineering work, as provided in Section 15 of this Act, and who shall have received from the Board, as hereinafter defined, a certificate stating that he has successfully passed this portion of the examinations.

(3) Practice of Civil Engineering: The term "Practice of Civil Engineering" within the meaning and intent of this Act shall mean any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design, and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any of the following: river, irrigation, hydraulic, water supply, sewers, and sewage disposal projects, railroad design and construction, and structures; highway design and construction projects; structural design and construction projects. A person shall be construed to practice or offer to practice civil engineering, within the meaning and intent of this Act, who practices any branch of the profession of civil engineering; or who, by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a civil engineer, or through the use of some other title implies that he is a civil engineer; or that he is qualified to practice any specialized branch within the field of civil engineering; or who holds himself out as able to perform, or who does perform for remuneration any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as civil engineering.

(4) Land Surveyor: The term "Land Surveyor" as used in this Act shall mean a person who engages in the practice of land surveying as hereinafter defined.

(5) Practice of Land Surveying. The practice of land surveying within the meaning and intent of this Act includes surveying of areas for their correct determination and description and for conveyancing, or for the establishment or re-establishment of land boundaries and the plotting of lands and subdivisions thereof.

(6) Board. The term "Board" as used in this Act shall mean the State Board of Registration for Civil Engineers and Land Surveyors, provided for by this Act.

Section 4. Board—Appointments—Terms. A State Board of Registration for Civil Engineers and Land Surveyors is hereby created whose duty it shall be to administer the provisions of this Act. The Board shall consist of five engineers, who shall be appointed by the Governor and shall have the qualifications required by Section 5. The members of the first Board shall be appointed within thirty days after the taking effect of this Act, to serve for the following terms: One member for one year, one member for two years, one member for three years, one member for four years, and one member for five years, from the date of the taking effect of this Act, or until their successors are duly appointed and qualified. Every member of the Board shall receive a certificate of his appointment from the Governor and before beginning his term of office shall file with the Secretary of State his written oath or affirmation for the faithful discharge of his office duty. Each member of the Board first appointed hereunder shall receive a certificate of registration under this Act from said Board. On the expiration of the term of any member, the Governor shall appoint for a term of five years a registered civil engineer, having the qualifications required by Section 5, to take the place of the member whose term on said Board is about to expire. Each member shall hold office until the expiration of the term for which such member is appointed or until a successor shall have been duly appointed and shall have qualified. A member of the Board may be appointed to succeed himself.

Section 5. Board — Qualifications. Each member of the Board shall be a citizen of the United States and a resident of this State, and shall have been engaged in the practice of civil engineering for at least twelve years, and shall have been in responsible charge of important engineering work for at least five years. Responsible charge of engineering teaching may be construed as responsible charge of important engineering work.

Section 6. Board—Compensation and Expenses. Each member of the Board shall receive such compensation as the Board may direct, not to exceed the sum of ten dollars (\$10.00) per diem, when actually attending to the work of the Board or any of its committees and for the time spent in necessary travel; and, in addition thereto, shall be reimbursed for all actual traveling, incidental and clerical expenses necessarily incurred in carrying out the provisions of this Act.

Section 7. Board—Removal of Members—Vacancies. The Governor may remove any member of the Board for misconduct, incompetency, neglect of duty, or for any other sufficient cause. Vacancies in the membership of the Board shall be filled for the unexpired term by appointment of the Governor as provided in Section 4.

Section 8. Board—Organization and Meetings. The Board shall hold a meeting within thirty (30) days after its members are first appointed, and thereafter shall hold at least one regular meeting each year. Special meetings shall be held at such time as the by-laws of the Board may provide. Notice of all meetings shall be given in such manner as the by-laws may provide. The Board shall elect or appoint annually the following officers: A Chairman, a Vice-Chairman, and a Secretary. A quorum of the Board shall consist of not less than three members.

Section 9. Board—Powers. The Board shall have the power to adopt and amend all by-laws and rules of procedure, not inconsistent with the Constitution and Laws of this State, which may be reasonably necessary for the proper performance of its duties and the regulations of the proceedings before it. The Board shall adopt and have an official seal.

In carrying into effect the provisions of this Act, the Board, under the hand of its Chairman and the seal of the Board, may subpoena witnesses and compel their attendance, and also may require the production of books, papers, documents, etc., in a case involving the revocation of registration or practicing or offering to practice without registration. Any member of the Board may administer oaths or affirmations to witnesses appearing before the Board. If any person shall refuse to obey any subpoena so issued or shall refuse to testify or produce any books, papers, or documents, the Board may present its petition to such authority as may have jurisdiction, setting forth the facts, and thereupon such authority shall, in a proper case, issue its subpoena to such person, requiring his attendance before such authority and there to testify or to produce such books, papers, and documents, as may be deemed necessary and pertinent by the Board. Any person failing or refusing to obey the subpoena or order of the said authority may be proceeded against in the same manner as for refusal to obey any other subpoena or order of the authority.

Section 10. Receipts and Disbursements. The Secretary of the Board shall receive and account for all moneys derived under the provisions of this Act, and shall pay the same monthly to the State Treasurer, who shall keep such moneys in a separate fund to be known as the "Civil Engineers' Fund." Such fund shall be kept separate and apart from all other moneys in the Treasury, and shall be paid out only by warrants drawn by the State Auditor, upon vouchers issued and signed by the Chairman and the Secretary of the Board. All moneys in the "Civil Engineers' Fund" are hereby specifically appropriated for the use of

the Board. The Secretary of the Board shall give a surety bond to the State in such sum as the Board may determine. The premium on said bond shall be regarded as a proper and necessary expense of the Board, and shall be paid out of the "Civil Engineers' Fund." The Secretary of the Board shall receive such salary as the Board shall determine in addition to the compensation and expenses provided for in Section 6. The Board may employ such clerical or other assistants as are necessary for the proper performance of its work, and may make expenditures of this fund for any purpose which in the opinion of the Board is reasonably necessary for the proper performance of its duties under this Act, including the expenses of the Board's delegates to annual conventions of, and membership dues to the National Council of State Boards of Engineering Examiners. Under no circumstances shall the total amounts of warrants issued by the State Auditor in payment of the expenses and compensation provided for in this Act exceed the amount of the examination and registration fees collected as herein provided.

**Section 11. Records and Reports.** The Board shall keep a record of its proceedings and a register of all applications for registration, which register shall show (a) the name, age, and resident of each applicant; (b) the date of the application; (c) the place of business of such applicant; (d) his educational and other qualifications; (e) whether or not an examination was required; (f) whether the applicant was rejected; (g) whether a certificate of registration was granted; (h) the date of the action of the Board; and (i) such other information as may be deemed necessary by the Board.

The records of the Board shall be prima facie evidence of the proceedings of the Board set forth therein, and a transcript thereof, duly certified by the Secretary of the Board under seal, shall be admissible in evidence with the same force and effect as if the original were produced.

Annually, as of June 30th, the Board shall submit to the Governor a report of its transactions of the preceding year, and shall also transmit to him a complete statement of the receipts and expenditures of the Board, attested by affidavits of its Chairman and its Secretary.

**Section 12. Roster.** A roster showing the names and places of business of all registered civil engineers and all registered land surveyors shall be published by the Secretary of the Board during the month of January of each year. Copies of this roster shall be mailed to each person so registered, placed on file with the Secretary of State and furnished to the public upon request.

**Section 13. General Requirements for Registration.** The following shall be considered as minimum evidence that the applicant is qualified for registration as a civil engineer, or land surveyor, or for certification as an engineer-in-training, respectively:

(1) As a civil engineer:

(a) Graduation Plus Experience.

Graduation in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing; and a specific record of an additional four years or more of experience in engineering work, before or after graduation, of a character satisfactory to the Board and indicating that the applicant is competent to practice civil engineering (in counting years of experience, the Board at its discretion may give credit, not in excess of one year, for satisfactory graduate study in engineering) provided that in a case where the evidence presented in the application does not appear to the Board conclusive nor warranting the issuing of a certificate of registration, the applicant may be required to present further evidence for the consideration of the Board, and may also be required to pass an oral or written examination, or both, as the Board may determine; excepting that for the period to and including January 1, 1952, the experience above referred to, required of a candidate who has served in the armed forces of the United States (in the last war) shall be for such candidate two years before or after graduation; or,

(b) Examination Plus Experience.

Successfully passing a written, or written and oral, examination designed to show knowledge and skill approximately that attained through graduation in an approved four-year engineering curriculum; and a specific record of eight years or more of experience in engineering of a character satisfactory to the Board and indicating that the applicant is competent to practice civil engineering; or

(c) Engineers of Long Established Practice.

A specific record of twelve years or more of lawful practice in engineering work of a character satisfactory to the Board and indicating that the applicant is competent to practice civil engineering and has had responsible charge of important engineering work for at least five years, and provided applicant is not less than thirty-two years of age.

(2) As an engineer-in-training:

(a) Graduation Plus Examination.

Graduation in an accredited engineering curriculum of four scholastic years or more from a school

or college approved by the Board as of satisfactory standing, and successfully passing a written examination in the basic engineering subjects; or

(b) Experience Plus Examination.

A specific record of four years or more of experience in engineering work of a character satisfactory to the Board, and successfully passing a written examination in the basic engineering subjects.

(3) As a land surveyor:

(a) Graduation Plus Experience.

Graduation from a school or college approved by the Board as of satisfactory standing, including the completion of an approved course in surveying; and an additional two years or more of experience in land surveying of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; or

(b) Examination Plus Experience.

Successfully passing a written, or written and oral examination in surveying prescribed by the Board; and a specific record of six years or more of experience in land surveying of a character satisfactory to the Board and indicating that the applicant is competent to practice land surveying; or

(c) Land Surveyors of Long Established Practice.

A specific record of ten years or more of lawful practice in land surveying of a character satisfactory to the Board, and provided applicant is not less than thirty years of age.

Character. No person shall be eligible for registration as a civil engineer or land surveyor or certification as an engineer-in-training, who is not of good character and reputation. The Board shall make an investigation of the character, reputation and ability of each applicant.

Teaching Credits. In considering the qualification of applicants, engineering teaching may be construed as engineering experience.

Education Credits. The satisfactory completion of each year of an approved curriculum in engineering in a school or college, approved by the Board as of satisfactory standing, without graduation, shall be considered as equivalent to a year of experience in Section 13 (1) b and (2) b. Graduation in a curriculum other than engineering from a college or university of recognized standing may be considered as equivalent to two years of experience in Section 13 (1) b and (2) b; provided, however, that no applicant shall receive credit for more than four years of experience because of undergraduate education qualifications.

Section 14. Applications and Registration Fees. Applications for registration shall be on forms prescribed and furnished by the Board, shall contain statements made under oath, showing the applicant's education and detail summary of his technical work, and shall contain not less than five references, of whom three or more shall be engineers having personal knowledge of his engineering experience.

The registration fee for civil engineers shall be twenty dollars (\$20.00), ten dollars (\$10.00) of which shall accompany application, the remaining ten dollars (\$10.00) to be paid upon issuance of certificate. When a Certificate of Qualification issued by the National Bureau of Engineering Registration is accepted as evidence of qualification, the total fee for registration as civil engineer shall be ten dollars (\$10.00).

The fee for Engineer-in-Training shall be ten dollars (\$10.00), which shall accompany the application and shall include the cost of examination and issuance of certificate. When registration as a civil engineer is completed by an Engineer-in-Training, an additional fee of ten dollars (\$10.00) shall be paid before issuance of certificate as civil engineer.

The registration fee for land surveyors shall be ten dollars (\$10.00) which shall accompany application.

Should the Board deny the issuance of a certificate of registration to any applicant the initial fee deposited shall be retained as an application fee.

Section 15. Examinations. When oral or written examinations are required they shall be held at such time and place as the Board shall determine. When examinations are required on fundamental engineering subjects (such as are ordinarily given in college curricula) the applicant shall be permitted to take this part of the examination prior to his completion of the requisite years of experience in engineering work, and satisfactory passage of this portion of the examination by the applicant shall constitute a credit for a period of ten years. The Board shall issue to each applicant upon successfully passing the examination in fundamental engineering subjects a certificate stating that he has passed the examination and that his name has been recorded as an engineer-in-training.

The scope of the examination and the methods of procedure shall be prescribed by the Board with special reference to the applicant's ability to design and supervise engineering works so as to insure the safety of life, health, and property. Examinations shall be given for the purpose of determining the qualifications of applicants for registration separately in civil engineering and in land surveying. A candidate failing on examination may apply for re-examination at the expiration of six months and will be re-examined without payment of additional fee. Subsequent examination will be granted upon payment of a fee to be determined by the Board.

Section 16. Certificate—Seals. The Board shall issue a certificate of registration upon payment of registration fee as provided for in this Act, to any applicant who, in the opinion of the Board, has satisfactorily met all the requirements of this Act. In the case of a registered engineer, the certificate shall authorize the "practice of civil engineering." In the case of an engineer-in-training, the certificate shall state that the applicant has successfully passed the examination in fundamental engineering subjects required by the Board and has been enrolled as an "Engineer-in-Training." In the case of a registered land surveyor, the certificate shall authorize the "practice of land surveying." Certificates of registration and certificates as engineer-in-training shall show the full name of the registrant, shall have a serial number, and shall be signed by the Chairman and the Secretary of the Board under seal of the Board.

The issuance of a certificate of registration by this Board shall be prima facie evidence that the person named therein is entitled to all the rights and privileges of a registered civil engineer, or of a registered land surveyor, while the said certificate remains unrevoked or unexpired.

Each registrant hereunder may upon registration obtain a seal of the design authorized by the Board, bearing the registrant's name and the legend "Registered Civil Engineer," or "Registered Land Surveyor." Plans, specifications, plats and reports prepared by a registrant shall be stamped with the said seal when filed with public authorities, during the life of the registrant's certificate, but it shall be unlawful for anyone to stamp or seal any documents with said seal after the certificate of the registrant named thereon has expired or has been revoked, unless said certificate shall have been renewed or reissued.

Section 17. Expirations and Renewals. Certificates of registration shall expire on the last day of the month of December following their issuance or renewal and shall become invalid on that date unless renewed, provided, however, that certificates issued prior to January 1, 1948 shall expire December 31, 1948. It shall be the duty of the Secretary of the Board to notify every person registered under this Act, of the date of the expiration of his certificate and the amount of the fee that shall be required for its renewal for one year; such notice shall be mailed at least one month in advance of the date of the expiration of said certificate. Renewal may be effected at any time during the month of December by the payment of a fee of five dollars (\$5.00) for either a civil engineer or land surveyor, or both. The failure on the part of any registrant to renew his certificate annually in the month of December as required above shall not deprive such person of the right of renewal, but the fee to be paid for the renewal of a certificate after the month of December shall be increased ten per cent for each month or fraction of a month that payment of renewal is delayed; provided, however, that the

maximum fee for delayed renewal shall not exceed twice the normal renewal fee.

Section 18. Practitioners at Time Act Becomes Effective. At any time within one year after this Act becomes effective, upon due application therefor and the payment of the registration fee of twenty dollars (\$20.00) for civil engineers, or ten dollars (\$10.00) for land surveyors, the Board shall issue a certificate of registration, without oral or written examination, to any civil engineer or land surveyor who shall submit evidence under oath satisfactory to the Board that he is of good character, has been a resident of the State of Montana for at least one year immediately preceding the date of his application, and was practicing civil engineering if an engineer, or land surveying if a surveyor, at the time this Act became effective, and has performed work of a character satisfactory to the Board. Civil engineers or land surveyors who are in the Military Service of the United States at the time this Act becomes effective who were residents of this State at the time of entering such service, and who were practicing engineering if an engineer, or land surveying if a surveyor, immediately preceding or during said service, and have performed work of a character satisfactory to the Board shall be registered under this Act upon the application therefor and payment of the registration fee at any time within one (1) year after their respective honorable separations from said service. Graduates in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing, who are in the Military Service of the United States at the time this Act becomes effective, shall be certified as Engineer-in-Training without examination, upon due application therefor and payment of a fee of ten dollars (\$10.00), at any time within one (1) year after honorable separation from said Service.

After this Act shall have been in effect one year, the Board shall issue certificates of registration only as provided for in Section 13 or Section 20, except as provided in the next preceding paragraph to those in the military service.

Section 19. Registration by Endorsement. The Board may, upon application therefor, and the payment of a fee of ten dollars (\$10.00), issue a Certificate of Registration as a Civil Engineer to any person who holds a Certificate of Qualification or Registration issued to him by proper authority of the National Council of State Boards of Engineering Examiners, or of the National Bureau of Engineering Registration, or any State or Territory or Possession of the United States, or of any Country, provided that the applicant's qualifications meet the requirements of this Act and the rules established by the Board.

Section 20. Revocations—Reissuance of Certificates. The Board shall have the power to revoke the certificates of registration of any registrant who is found guilty of:

- (a) The practice of any fraud or deceit obtaining a certificate of registration ;
- (b) Any gross negligence, incompetency, or misconduct in the practice of civil engineering or land surveying as a registered civil engineer or land surveyor.

Any person may prefer charges of fraud, deceit, gross negligence, incompetency, or misconduct against any registrant. Such charges shall be in writing, and shall be sworn to by the person making them and shall be filed with the Secretary of the Board.

All charges, unless dismissed by the Board as unfounded or trivial, shall be heard by the Board within three months after the date on which they shall have been preferred.

The time and place for said hearing shall be fixed by the Board, and a copy of the charges, together with a notice of the time and place of hearing, shall be personally served on or mailed to the last known address of such registrant at least thirty days before the date fixed for the hearing. At any hearing, the accused registrant shall have the right to appear personally and by counsel, to cross-examine witnesses appearing against him, and to produce evidence and witnesses in his own defense.

If, after such hearing, three or more members of the Board vote in favor of finding the accused guilty, the Board shall revoke the certificate of registration of such registered civil engineer or land surveyor.

The Board, for reasons it may deem sufficient, may reissue a certificate of registration to any person whose certificate has been revoked, providing three or more members of the Board vote in favor of such reissuance. A new certificate of registration, to replace any certificate revoked, lost, destroyed, or mutilated, may be issued, subject to the rules of the Board, and a charge of three dollars (\$3.00) shall be made for such issuance.

Any person who shall feel aggrieved by any action of the Board in denying or revoking his certificate of registration may appeal therefrom to the District Court of the County in which such denial or revocation was made, and, after full hearing, said Court shall make such decree sustaining or reversing the action of the Board as to it may seem just and proper.

**Section 21. Violations and Penalties.** Any person who shall practice, or offer to practice, civil engineering or land surveying in this State as a professional or registered engineer or land surveyor, without being registered in accordance with the provisions of this Act, or any person presenting or attempting to use as his own the certificate of registration or the seal of another, or any person who shall give any false or forged evidence of any kind to the Board or to any member thereof in obtaining a certificate of registration, or any person who shall falsely impersonate any

other registrant of like or different name, or any person who shall attempt to use an expired or revoked certificate of registration, or any person who shall violate any of the provisions of this Act, shall be guilty of a misdemeanor and shall upon conviction, be sentenced to pay a fine of not less than one hundred dollars (\$100.00), nor more than five hundred dollars (\$500.00), or suffer imprisonment for a period not exceeding three (3) months, or both.

Section 22. Saving Clause. This Act shall not be construed to prevent or to effect :

(a) The practice of electrical, mechanical, chemical, or mining engineering as distinguished from the practice of civil-engineering, or the design or execution of civil engineering works which form only a minor part of electrical, mechanical, chemical, or mining projects by an engineer practicing in any of these fields when such work is ordinarily designed and supervised by him as part of the major work, but this shall not entitle any such person to be considered a registrant under this act or entitle such person to assume any title or description tending to convey the impression he is a civil engineer ; or

(b) The practice of any other legally recognized profession or trade ; or

(c) The execution of work by a contractor as distinguished from the planning or design thereof or the supervision of the construction of such work as a foreman or superintendent ; or

(d) The practice of a person not a resident of and having no established place of business in this State, practicing or offering to practice herein the profession of civil engineering or land surveying when such practice does not exceed in the aggregate more than thirty (30) days in any calendar year ; provided, such person is legally qualified by registration to practice the said profession in his own State or Country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act ; or

(e) The practice of a person not a resident of and having no established place of business in this State, or who has recently become a resident thereof, practicing or offering to practice engineering or land surveying herein for more than thirty days in any calendar year, if he shall have filed with the Board an application for a certificate of registration and shall have paid the fee required by this Act ; provided, that such a person is legally qualified by registration to practice engineering or land surveying in his own State or Country in which the requirements and qualifications for obtaining a certificate of registration are not lower than those specified in this Act. Such practice shall continue only for such time as the Board requires for the consideration of the application for registration ; or

(f) The work of an employee or a subordinate of a person holding a certificate of registration under this Act, or an employee of a person practicing lawfully under Paragraphs (d) or (e) of this Section, provided such work does not include final designs or decisions and is done under the direct responsibility, checking, and supervision of a person holding a certificate of registration under this Act or a person practicing lawfully under Paragraph (d) or (e) of this Section; or

(g) A person duly registered and holding a certificate to practice architecture under the laws of this State, practicing engineering solely insofar as such laws permit him to do engineering work in connection with any building of which he is the architect.

But nothing in the foregoing proviso contained shall be construed to entitle any person therein specified to be considered a registrant under this Act or to entitle such person to use in connection with his name, or otherwise assume, use or advertise, any title or description tending to convey the impression that such person is a civil engineer or land surveyor; or

(h) The practice of officers and employees of the Government of the United States while engaged within this State in the practice of the profession of civil engineering or land surveying, for said Government.

Section 23. Invalid Sections. If any Section or Sections of this Act shall be declared unconstitutional or invalid, this shall not invalidate any other Sections of this Act.

Section 24. Repeal of Conflicting Legislation. All laws or parts of laws in conflict with the provisions of this Act shall be, and the same are hereby, repealed.



# Montana State Board of Registration for Civil Engineers and Land Surveyors

## BY-LAWS

1. **Name.** This Board, constituted by the provisions of Senate Bill No. 66, enacted by the Thirtieth (30th) Legislative Assembly of the State of Montana, shall be known as the Montana State Board of Registration for Civil Engineers and Land Surveyors and shall, hereafter be referred to as the Board.

2. **Organization.** The Board shall elect, from its members a Chairman, Vice-Chairman, and the Secretary at the regular July meeting of each year.

The Chairman shall be the executive officer of the Board. When present, he shall preside at all meetings. He shall appoint such committees as the Board may authorize from time to time. He shall sign all certificates and other official documents. He shall perform all other duties usually pertaining to the office of Chairman and permitted by Law.

The Vice-Chairman, in the absence of the Chairman, shall perform the duties delegated to the Chairman in the preceding paragraph, except that the Chairman shall sign all official papers of the Board.

In the absence of the Chairman and the Vice-Chairman from a regular or special meeting of the Board, the remaining members shall elect a Presiding Officer, who shall serve until the conclusion of the meeting or until the arrival of the Chairman.

The Secretary shall conduct and care for all correspondence in the name of the Board. He shall maintain all records prescribed by law. He shall keep a record of all meetings and maintain a proper account of all business of the Board. He shall be custodian of the official seal and shall affix same to all certificates and other official documents upon order of the Chairman and/or of the Board. He shall check and certify all bills and check all vouchers (claims) and shall prepare same for approval by the Chairman. During the month of January, 1948, and annually thereafter, he shall prepare a roster of Civil Engineers and Land Surveyors registered by this Board, as of January 1. As of June 30, 1948, and annually thereafter, he shall prepare a report of the Board for submission to the Governor, covering the transactions of the preceding fiscal year, and shall also prepare a complete statement of the receipts and expenditures of the Board. He shall arrange for audits by the State Auditor as required by law. He shall furnish surety bond to the State of Montana in the amount required by law, said bond to be filed with the Secretary of State.

The Secretary shall be paid such salary as the Board may direct. Necessary expenses incurred by the Secretary and other Board members in traveling within or outside the State in performance of official duties, shall be paid on vouchers (claims) handled as prescribed herein and by law. The Board shall furnish the Secretary the necessary equipment, supplies and stenographic assistance, paying for same directly on vouchers (claims) handled as prescribed herein and by law.

3. **Vacancies.** If, for any reason, a vacancy shall occur in the Board, the Chairman shall prepare a notice to the Governor asking for the appointment of a new member to fill the unexpired term. A copy of the notice shall be sent to each Board member. If the vacancy shall occur in the office of the Chairman, the Vice-Chairman shall prepare the notice. In such case, the Board shall elect, from its own membership, at the first regular or special meeting following the appointment of the new member, a new Chairman to serve for the balance of the unexpired term.

4. **Meetings.** An annual meeting shall be held during July each year, the exact time and place to be determined by the Chairman and set forth in a written notice, copy of which shall be mailed to each member at his last address of record, by the Secretary, at least ten days in advance of the date of the meeting.

A special meeting may be called at any time by order of the Chairman or shall be called by the Secretary on the written request of any three members of the Board. Notice as prescribed above or telegraphic notice not less than seventy-two (72) hours in advance of the date and time of the meeting, shall be given each member by the Secretary, said notice setting forth the exact time and place of the meeting as determined by the person issuing the call.

Notice less than seventy-two hours in advance of a called special meeting may be given by telephone or other means provided such member, or members of the Board, as are absent from the meeting sign a statement accepting the call in lieu of notice as set out in the preceding paragraph. Attendance at the meeting will be evidence of acceptance of the call by those members present.

Three members of the Board shall constitute a quorum at any meeting.

5. **Financial.** The fiscal year of the Board shall begin July 1 and close June 30 of each year.

The Secretary shall maintain complete records of financial transactions of the Board as prescribed by the State Auditor and by law.

Payment of all salaries and other operating expenses of the Board shall be made by itemized vouchers (claims) on the Civil

Engineers' Fund. Such vouchers (claims) shall be approved by the Chairman and attested by the Secretary.

6. **Seal.** The seal of the Board shall be an embossed circular seal one and one-half inches in diameter, consisting of two concentric circles. The inner circle shall contain the Great Seal of the State of Montana and the seal shall contain the wording, "Montana Board of Registration—Civil Engineers and Land Surveyors."

7. **Order of Business.** The order of business at all regular and special meetings of the Board shall be as follows:

1. Roll call.
2. Reading of minutes.
3. Report of committees.
4. Report of Secretary and reading of communications.
5. Unfinished business.
6. New business.
7. Reading and consideration of applications.
8. Adjournment.

8. **Procedure.** "Roberts' Rules of Order" shall govern the proceedings of the Board except as otherwise provided herein or by statute.

9. **Registration.** Applications received by the Board shall be examined by the Secretary for conformity with the Rules and Regulations governing applications as established by the Board. Applications accompanied by proper fees and in the form prescribed shall be entered in the records of the Board. Applications not accompanied by proper fees or not conforming entirely to the Rules and Regulations shall be returned to the applicant, with instructions as to the correction thereof, or held in abeyance until in proper form as prescribed by the Board.

When applications accompanied by proper fees are accepted by the Secretary and entered in the books by the Board, the Secretary shall proceed to correspond with the references cited in the respective applications, in the manner prescribed by the Board. If replies from the references cited are not received within a reasonable time, the Secretary shall notify the applicant to that effect, requesting additional references. The Secretary shall correspond with such additional references.

When all necessary information has been brought together with regard to a given application, the Secretary shall prepare and provide each Board member with a summary of the application. The application with all incidental papers shall be brought to the attention of the Board at the first subsequent meeting.

10. **Rules and Regulations.** The Board shall promulgate and adopt rules and regulations governing registration examinations, renewals, etc., of applicants.

11. **National Council.** The Board may affiliate with the National Council of State Boards of Engineering Examiners. Any delegate or delegates to the Council appointed by the Board shall attend the annual meeting of the Council at the expense of the Board.

12. **Amendments.** Amendments to these By-Laws and to the Rules and Regulations may be proposed by any member of the Board and shall be filed with the Secretary. Copy of the proposed amendments shall be furnished each member at the time of notice of the next regular or special meeting. The amendments so proposed shall be voted upon at the meeting immediately thereafter. Three (3) votes shall be required for the adoption of an amendment.

# Montana State Board of Registration for Civil Engineers and Land Surveyors

## RULES AND REGULATIONS

### Rule 1. Form of Application

All applications for registration shall be made on printed form provided by the Board and no applications made otherwise will be accepted. As a part of the required information, a Supplementary Experience Record shall be submitted on the sheet provided by the Board to which additional sheets may be attached, which shall be of plain white paper,  $8\frac{1}{2} \times 11$  inches in size. Such additional sheets shall be typed on one side only. Applications must be clearly typewritten in black, suitable for photostatic copy, and all questions must be answered. An application not properly made out, or not containing all of the information provided for, or not accompanied by the required fee will be returned with a statement of the reason for return. Each copy of the application shall be accompanied by an unmounted, recognizable, recent photograph of the applicant, with date taken or photoengraving of same (size 2 by  $2\frac{1}{2}$  inches overall with face not less than  $\frac{3}{4}$  inch wide).

Applications shall be subscribed and sworn to before a Notary Public or other person qualified to administer oaths.

The conditions set out in the Application Form, including the Code of Ethics shall be construed to be a part of the Rules and Regulations.

### Rule 2. Fees

Fees shall be transmitted by money order or certified check payable to Secretary, Montana State Board of Registration for Civil Engineers and Land Surveyors, Department Civil Engineering, Montana State College, Bozeman, Montana. The Board assumes no responsibility for loss in transit of such remittances. Applications not accompanied by the proper fee will be returned to the applicant.

The registration fee for Civil Engineers shall be twenty dollars (\$20.00), ten dollars (\$10.00) of which shall accompany application, the remaining ten dollars (\$10.00) to be paid prior to issuance of certificate. When a Certificate of Qualifications issued by the National Bureau of Engineering Registration is accepted as evidence of qualification, the total fee for registration as Civil Engineer shall be ten dollars (\$10.00).

The fee for Engineer-in-Training shall be ten dollars (\$10.00), which shall accompany the application and shall include the cost of examination and issuance of certificate. When registration as

a Civil Engineer is completed by an Engineer-in-Training an additional fee of ten dollars (\$10.00) shall be paid prior to issuance of certificate as Civil Engineer.

The registration fee for Land Surveyors shall be ten dollars (\$10.00) which shall accompany application.

The fee for registration of one individual as a Civil Engineer and Land Surveyor shall be thirty dollars (\$30.00), ten dollars (\$10.00) of which shall accompany the application, the remaining twenty dollars (\$20.00) to be paid prior to issuance of certificate.

In every case should the Board deny the issuance of a certificate to any applicant, the initial fee deposited shall be retained by the Board as an application fee.

The annual renewal fee for registration as a Civil Engineer, Land Surveyor, or Civil Engineer and Land Surveyor shall be five dollars (\$5.00).

### **Rule 3. References**

Upon receipt of an application, the Secretary will transmit a copy of the Board's uniform questionnaire and form letter for his reply, to five (5) or more references. Applicants will note that three or more of the references shall be engineers. No member of the Board will be accepted as a reference.

Any Board Member may make an independent investigation of the applicant's qualifications and report his findings to the Board.

No statement of a reference will be accepted by the Board unless such statement answers fully the questions submitted by the Board, and bears the signature of the reference. Until such time as the required replies from the references are received, the Board will not take action on the application, provided that if the required complete replies are not received by the Board within a period of 3 months after the date of receipt of the application in the office of the Board the application may be rejected.

### **Rule 4. Definitions**

The term "Civil Engineer" when construed by the Board shall mean a person who, by reason of his special knowledge of the mathematical and physical sciences and the principles and methods of engineering analysis and design, acquired by professional education and practical experience, is qualified to practice civil engineering as hereinafter defined, as attested by his legal registration as a Civil Engineer.

The term "Engineer-in-Training" when construed by the Board shall mean a person who is a graduate in an approved engineering curriculum of four years or more from a school or college approved by the Board as of satisfactory standing, or who has had four years or more of experience in engineering work of a character satisfactory to the Board; and who, in addition, has

successfully passed the examination in the fundamental engineering work, as provided in Section 15 of the Act, and who shall have received from the Board a certificate stating that he has successfully passed this portion of the examination.

The term "Practice of Civil Engineering" when construed by the Board shall mean any professional service or creative work requiring engineering education, training, and experience and the application of special knowledge of the mathematical, physical and engineering sciences to such professional services or creative work as consultation, investigation, evaluation, planning, design and supervision of construction for the purpose of assuring compliance with specifications and design, in connection with any of the following: river, irrigation, hydraulic water supply, sewers and sewage disposal projects, railroad design and construction, and structures; highway design and construction projects; structural design and construction projects. A person shall be construed to practice or offer to practice civil engineering who practices any branch of the profession of civil engineering; or who by verbal claim, sign, advertisement, letterhead, card, or in any other way represents himself to be a civil engineer; or through the use of some other title implies that he is a civil engineer; or that he is qualified to practice any specialized branch within the field of civil engineering or who holds himself out as able to perform, or who does perform, for remuneration, any engineering service or work or any other professional service designated by the practitioner or recognized by educational authorities as civil engineering.

The term "Land Surveyor" when construed by the Board shall mean a person who engages in the practice of land surveying as hereinafter defined.

The term "Practice of Land Surveying" when construed by the Board shall mean the surveying of areas for their correct determination and description and for conveyancing, or for the establishment or re-establishment of land boundaries and the plotting of lands and subdivisions thereof.

Experience or practice in engineering work or land surveying "of a character satisfactory to the Board" shall mean experience which the Board deems to be Professional Work, or its equivalent, as defined herein, of which at least one (1) year must have been spent in actual Responsible Charge of Professional Work.

Each year of experience in Sub-Professional Work, as defined herein may be credited as one-half ( $\frac{1}{2}$ ) year toward the requirement of experience or practice of a character satisfactory to the Board. Only experience of the applicant which is classified as Sub-Professional or Professional Work by the Board will be considered.

Sub-Professional Work shall be construed to cover the time spent as Rodman, Chainman, Recorder, Draftsman, Computer, Tester, Superintendent of Construction, or Clerk of the Works, or

similar work; and also time spent as Instrumentman or Inspector when working under direct supervision or on work where the personal responsibility and technical knowledge required are small; that is, minor positions in which the responsibility is slight and the individual performance of a task, set and supervised by a superior, is all that is required. It shall also include experience attained before the applicant is twenty-one (21) years of age, except as modified by the statement in regard to education in the defined Professional Work.

Professional Work shall include the time after the applicant is twenty-one (21) years of age, during which he has been occupied in engineering or land surveying work of a higher grade and responsibility than the above defined as Sub-Professional Work. A graduate of an approved engineering curriculum will apply for registration under Section 13, (1), (a); or in the case of an applicant for registration as a Land Surveyor, a graduate of an approved school will apply for registration under Section 13, (3), (a), and therefore such applicants will not list as experience the time spent in undergraduate training. Where the applicant does not qualify under Section 13, (1), (a), or Section 13, (3), (a), education may be considered as Professional Work. Each academic year completed in an engineering school approved by the Board shall be rated as one (1) year of Professional Work. Graduation from a course other than engineering from a college or university of recognized standing shall be considered as two (2) years of Professional Work. However, not more than four (4) years of Professional Work shall be credited because of undergraduate educational qualifications. The Board may, at its discretion, give not more than one (1) year of credit for Professional Work for satisfactory graduate study in engineering. Time spent in teaching of engineering subsequent to graduation shall be considered Professional Work. The mere execution, as a contractor of work designed by an engineer, or mere supervision of construction of such work as foreman or superintendent shall not be deemed to be Professional Work.

Responsible Charge of Professional Work means:

a. In the field, the applicant must have had the direction of work, the successful accomplishment of which rested upon him, where he had to decide questions of methods of execution and suitability of materials, without relying upon advice or instructions from his superiors, and of supplying deficiencies in plans or correcting errors in design without first referring them to higher authority for approval, except in cases where such approval is a mere matter of form.

b. In the office, the applicant must have had to undertake investigations, or carry out important assignments, demanding resourcefulness and originality, or to make plans, write specifications and direct drafting and computation for designs or engi-

neering, with only rough sketches, general information and field measurements for reference and guidance.

c. In teaching, the applicant, must have taught in an engineering school of recognized standing, and must have had, at least, a grade of assistant professor, or its equivalent.

The Board, in passing on each of these requirements as defined, will carefully weigh the evidence of experience submitted by the applicant and the replies received from his references.

#### **Rule 5. Schools Approved by the Board**

Engineering schools, or colleges approved by the Board are those which require for entrance, graduation from an accredited high school or preparatory school (or equivalent by the passing of advance standing examination), which offer a minimum of a four year course leading to a degree of bachelor of science in recognized branches of engineering, or its equivalent, and which are approved by the Engineers' Council for Professional Development.

#### **Rule 6. Examinations**

After July 1, 1948, registration as a Civil Engineer under Sections 13—1a and 1b, and as a Land Surveyor under Section 13—3b will be by examination.

Examinations will be held at such time and place as the Board may designate. Applicants of which examinations will be required will be notified of the time and place at least 30 days in advance. The examination is divided into four parts as follows:

Part I, which is oral, will seek evidence of satisfactory experience and qualifications. Time required is about one-half hour.

Part II, which is written, is the Engineer-in-Training examinations. This examination will cover fundamentals of civil engineering, and may be with or without books. Time allowed is six hours. The Engineer-in-Training is credited with this part of the registration examination, and need not repeat it when applying for registration.

The Engineer-in-Training examination is waived for graduates of 1944 or earlier.

Part III, which is written will cover the practice of civil engineering or the practice of land surveying or both as the case may be. Books and reference material may be used. The time allowed is eight hours.

Part IV, which is required only of Civil Engineers, is a type-written report dealing with some engineering report on which the applicant has been actively engaged. The subject must be approved in advance by the Board and the report shall be prepared in accordance with instructions furnished by the Board.

The examination for registration as Civil Engineer will consist of Part I, Part II, Part II, and Part IV. A candidate may take any part of the examination and need not repeat the parts which he has successfully passed. The examination for Land Surveyor will consist of Part I, and Part III.

A passing grade of 70 per cent in each part of the examination will be required.

A candidate failing to pass any part of the examinations may take that part again at a subsequent examination period which occurs in not less than six months after the date of the examination on which the candidate failed.

#### **Rule 7. Disposal of Applications**

When the Board, after due consideration of an application and of information pertaining thereto, is satisfied that the applicant is eligible for registration under the particular classification under which the application is made, the applicant will be voted registration. If the finding of the Board is that the applicant is not eligible for registration under the classification under which the application is made, the Board may vote the applicant registration in such other classification as it finds that he is eligible. The applicant will be notified of the action of the Board by the Secretary.

If the Board is unable to determine from the information provided by the applicant whether the applicant is eligible for registration, the application shall be deferred and the applicant requested to furnish such additional information as may be necessary. If after one year from the date of the request for such information, no reply has been received, the application will be rejected and a new application required.

If after one year from date of notification of approval, an applicant has not paid the required registration fee, he shall be notified that unless such payment is made within thirty days, a new application for registration must be made under a section of the law applicable on the date the new application is filed, and accompanied by a new application fee.

#### **Rule 8. Rejected Applications**

If an application is rejected, the Board will advise the applicant in accordance with provisions of the Act.

#### **Rule 9. Registration Number**

At the time an applicant is voted registration by the Board, he will be assigned a serial number. These numbers will be issued consecutively in the order in which the applications are approved by the Board. The applicant will be advised of his serial number in the notice sent him by the Secretary.

## **Rule 10. Seals**

Upon approval of his application by the Board, the Registrant will be advised that he may secure an official seal, and informed of the requirements of the law with regard to the use of such seal.

Seals for Civil Engineers and Land Surveyors will be furnished by the Board at cost upon request. Seals of two different sizes are authorized; pocket seal, the size commercially designated at a 1 5/8 inch seal; or a desk seal, commercially designated as a 2 inch seal. The seal will bear the Registrant's name, serial number, and the legend "Registered Civil Engineer," "Registered Land Surveyor," or "Registered Civil Engineer and Land Surveyor."

For stamping plans, specifications, and reports, registrants are authorized to have a rubber stamp copy made of their official seal; however, the title page of all sets of plans and all documents filed with public authorities must bear the imprint of the official seal.

## **Rule 11. Certificate of Registration**

A certificate of registration will be issued by the Board after approval of an application, payment of registration fee (if required), and verification of the applicant's usual written signature. The certificate shall be signed by the Chairman and the Secretary and shall bear the serial number of the registrant.

Applicants approved for registration as Civil Engineers and Land Surveyors shall receive one certificate of registration authorizing the practice of Civil Engineering and Land Surveying.

The application of any applicant who fails to complete his registration as provided herein above within a period of six months after notice is mailed to him by the Board that he has been voted registration, shall be rejected upon action of the Board.

## **Rule 12. Registration by Endorsement**

The Board may, without written examination, upon application therefore, and payment of proper fee, issue a certificate of registration as a Civil Engineer to any person who submits evidence that he holds a Certificate of Qualification or Registration issued to him by proper authority of the National Bureau of Engineering Registration operated by the National Council of State Board of Engineering Examiners, or of any State or Territory or Possession of the United States, or of any Country provided that the applicant's qualifications meet the requirements of the Act and of the rules established by the Board. Such applicants shall, as part of their application, complete and send to the Board the standard application form.

When application for registration by endorsement is made the Secretary shall secure from the examining Board by which

the certificate of registration involved was issued, complete information as to the basis for the issuance of said certificate, provided, however, that if the applicant presents evidence of a certificate issued by the National Bureau of Engineering Registration bearing thereon as an endorsement proper authorization by the authorized official of the State Board of Engineering Registration of the State in which the holder of the certificate is a resident, such inquiry may be omitted.

All non-resident applicants who are not registered in their home state or who registered under standards lower than Section 13 of the Act shall not be eligible for registration by endorsement.

The Board, will, upon application for reciprocal registration by one of its registrants, certify as to his qualifications.

### **Rule 13. Non-Resident Practice in Montana**

A person not a resident of and having no established place of business in this State, practicing or offering to practice herein the profession of Civil Engineering or Land Surveying when such practice does not exceed thirty (30) calendar days in any calendar year shall not be required to register in Montana, provided:

(1) Such person is legally qualified by registration to practice the said profession in his own State or Country in which the requirements and qualifications under which he registered were not lower than those of this State.

(2) Such person notify the Secretary of the Board of his desire to practice in this State prior to making an agreement for such practice and setting forth the name of the client, description of the job, date such practice will start and cease.

(3) Such person submit evidence of legal registration in his own State, and receive the approval of the Board for such practice.

(4) Such person notify the Board at the completion of practice in this State of the exact date such practice started and ended.

### **Rule 14. Expirations and Renewals**

Certificates of registration shall expire on the last day of the month of December following their issuance or renewal and shall become invalid on that date unless renewed, provided, however, that certificates issued prior to January 1, 1948, shall expire December 31, 1948. It shall be the duty of the Secretary of the Board to notify every person registered under the Act, of the date of the expiration of his certificate and the amount of the fee that shall be required for its renewal for one year; such notice shall be mailed at least one month in advance of the date of the expiration of said certificate. Renewal may be affected at any time during the month of December by the payment of a fee of five dollars

(\$5.00) for either a Civil Engineer or Land Surveyor or both. The failure on the part of any registrant to renew his certificate annually in the month of December as required above shall not deprive such person of the right of renewal but the fee to be paid for the renewal of a certificate after the month of December shall be increased to ten per cent for each month or fraction of a month that payment of renewal is delayed; provided, however, that the maximum fee for delayed renewal shall not exceed twice the normal renewal fee.

#### **Rule 15. Revocation and Reissuance of Certificates**

Under the provisions of the Act, certificates or registration may be revoked by the Board for cause and after proper hearings as fully set out in Section 20 of the Act. In defining misconduct in the practice of Civil Engineering or Land Surveying, the Board will consider among other things the Code of Ethics adopted by the Board and made a part of the application form.

When a certificate of registration is revoked, the individual shall surrender to the custody of the Secretary, his certificate, pocket registration card, and seal.

A registrant requesting a new certificate of registration to replace a certificate shall surrender to the Board if possible, the original certificate held by him and shall file with his request a sworn affidavit setting out the reason for his request so that the Board records will reflect the reason for its issuance of a new certificate.

#### **Rule 16. Reconsiderations and Reapplications**

At any time within one (1) year after date of notice of action by the Board, a request may be made for reconsideration of an application which has been rejected. After one year has expired, a new application is required and must be made under a Section of the Law applicable on the date this new application is filed.

Reconsideration does not take into account experience or educational progress subsequent to the date of application. Applications are considered as of the date when filed.

A rejected applicant may request reconsideration under the section in which he applied, at any time within one year, without additional fees, but additional or explanatory evidence bearing on the record as filed, and of the date originally filed, must be furnished to the Board.

An applicant who is registered and applies for registration under a different section should submit a new application accompanied by the usual fee of \$10.00.

#### **Rule 17. Non-registered, Non-residents**

Applications for Registration as Civil Engineer and/or Land Surveyor from persons who are not residents of Montana and who

are not registered in their home state or country will not be approved by the Board.

#### **Rule 18. Registration by Reciprocity Without Examination**

An out-of-state registrant, who has not entered his registration by examination, will generally be granted registration in Montana without examination as follows:

(1) Engineers holding a certificate of Qualification issued by the National Council of State Boards of Engineering Examiners, or by the National Bureau of Engineering Registration.

(2) Engineers registered under a provision of the law permitting registration to applicants who have graduated from a school or college in an engineering curriculum of four years or more accredited by the Engineers' Council for Professional Development and have a specific record of an additional four years or more of experience in engineering work of a character satisfactory to the Board; Provided the certificate of registration was issued prior to July 1, 1948.

(3) Engineers registered under a provision of the law permitting registration to applicants who have a specific record of twelve years or more of lawful practice in engineering work of a character satisfactory to the Board, of which at least five years has been in responsible charge of important work.







